

What is claimed is:

1. A driving voltage detecting device comprises:

A current controlling circuit connected with a loading in series supplies an adjustable current;

A feedback controlling circuit comparing the feedback signal with a reference signal that generates a controlled signal to said current controlling circuit for keeping the loading current constant; and

Two comparators connected to said controlled signal comparing with two reference signals separately determine the driving voltage being too high or too low to supply a loading with a predetermined current.

2. A driving voltage detecting device according to claim 1 wherein said two comparators can be reduced to one comparator to determine the driving voltage being too high to supply a loading with a predetermined current.

3. A driving voltage detecting device according to claim 1 wherein said two comparators can be reduced to one comparator to determine the driving voltage being too low to supply a loading with a predetermined current.

4. A driving voltage detecting device according to claim 1 wherein said current controlling circuit can be accomplished by transistor circuits.
5. A driving voltage detecting device according to claim 1 wherein said feedback controlling circuit can be accomplished by a resistor connected to said loading in series, and an amplifier comparing with a reference signal and the voltage across said resistor.